

Please amend the paragraph beginning at Page 8, line 3 to read as follows:

B8 Sub E1
Substantial reduction in VIV can be observed where K/D is less than about 1.0×10^{-4} and is most pronounced at about 1.0×10^{-5} or less for fairly uniform roughness densities. Similar results may be achieved where the roughness density decreases, even though the overall K/D ratio may increase.

In the Claims

Please amend claims 1 – 6 to read as follows:

B9 Sub E1
1. A method of controlling drag and vortex induced vibration in a substantially cylindrical element comprising providing an ultra-smooth surface about the cylindrical element having a K/D ratio of 1.0×10^{-4} or less where:

K is an average measured surface peak to trough distance; and

D is an effective outside diameter of the cylindrical element.

Sub E2
2. ~~The method of controlling drag and vortex induced vibration in accordance with Claim 1, wherein providing the ultra-smooth surface comprises providing a coating about the cylindrical element where D is an effective outside diameter of the cylindrical element, including the coating.~~

3. ~~The method of controlling drag and vortex induced vibration in accordance with Claim 1 wherein providing the ultra-smooth surface comprises providing a substantially cylindrical sleeve about the cylindrical element where D is an effective outside diameter of the cylindrical element, including the sleeve.~~

4. A system for controlling drag and vortex induced vibration, comprising:
a substantially cylindrical marine element having an ultra-smooth effective surface with a K/D roughness parameter of about 1.0×10^{-4} or less, where:

K is an average measured surface peak to trough distance; and

D is an effective outside diameter of the cylindrical element.

Sub C3
5. ~~A system in accordance with Claim 4 wherein the ultra-smooth cylindrical surface is comprised of a coating material where D is an effective outside diameter of the cylindrical element including the coating.~~